

MATERIAL DECLARATION (MD)

<Date of declaration>

| | |
|------|------------|
| Date | 11-05-2024 |
|------|------------|

<MD identification number>

| | |
|--------|---------------------------|
| ID-No. | MD--5402007-HAN-076/2024E |
|--------|---------------------------|

<Other information>

| | |
|----------|-----------------------|
| Remark 1 | 5402007-HAN-076/2024E |
| Remark 2 | |
| Remark 3 | HANSIKA - OIL TANKER |

<Supplier (respondent) information>

| | |
|------------------|--|
| Company name | ISS MACHINERY SERVICE LIMITED |
| Division name | |
| Address | (Osaka) 6th floor, Yodoyabashi Square, 2-6-18, Kitahama, Chuo-ku OSAKA Japan |
| Contact person | |
| Telephone number | yabuuchi.kayo@iss-shipping.com |
| Fax number | |
| Email address | +81-6-6530-3830 |
| SDoC ID number | SD-5402007-HAN-076/2024E |

<Product information>

| Product name | Product number | Delivered unit | | Product information |
|--|----------------|----------------|------|---------------------|
| | | Amount | Unit | |
| DRIVE SHAFT 101 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 1 | PCS | |
| DRIVEN SHAFT 102 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 1 | | |
| DRIVE GEAR 103 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 1 | | |
| DRIVEN GEAR 104 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 1 | | |
| BEARING METAL N/A FOR MAIN ENGINE F.O CIRCULATING PUMP | | 2 | | |
| BEARING METAL 201/1 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 2 | | |
| BEARING METAL 201/2 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 4 | | |
| MECHANICAL SEAL 520 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 2 | | |
| OIL SEAL 530 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 1 | | |
| GASKET 900 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 4 | | |
| GASKET 970 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 2 | | |
| GASKET 971 FOR MAIN ENGINE F.O CIRCULATING PUMP | | 2 | | |
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| | | | | |

<Materials information>

This materials information shows the amount of hazardous materials contained in

| | Unit |
|---|------|
| 1 | |

(Unit: kg, m, m², m³, piece, etc.) of the product

| Table | Material name | | Threshold value | Present above threshold value? | If yes, material mass | | If yes, information on where it is used |
|---|----------------------------------|----------------------------------|--------------------|--------------------------------|-----------------------|------|---|
| | | | | Yes / No | Mass | Unit | |
| Table A (materials listed in appendix 1 of the | Asbestos | Asbestos | 0.1% * | NO | | | |
| | Polychlorinated biphenyls (PCBs) | Polychlorinated biphenyls (PCBs) | 50 mg/kg | NO | | | |
| | Ozone Depleting Substance (ODS) | Chlorofluorocarbons (CFCs) | No threshold value | NO | | | |

| | | | | | | | |
|-------------|--|-------------------------------|----------------------|----|--|--|--|
| Convention) | | Halons | | NO | | | |
| | | Other fully halogenated CFCs | | NO | | | |
| | | Carbon tetrachloride | | NO | | | |
| | | 1, 1, 1-Trichloroethane | | NO | | | |
| | | Hydrochlorofluorocarbons | | NO | | | |
| | | Hydrobromofluorocarbons | | NO | | | |
| | | Methyl bromide | | NO | | | |
| | | Bromochloromethane | | NO | | | |
| | Anti-fouling systems containing organotin compounds as a biocide | e.g. Tributyltin (TBT) | 2500 mg total tin/kg | NO | | | |
| | | e.g. Triphenyl tins (TPTs) | | NO | | | |
| | | e.g. Tributyltin oxide (TBTO) | | NO | | | |
| EU SRR ** | Perfluorooctane sulfonic acid (PFOS) | | 10 mg/kg | NO | | | |

| Table | Material name | Threshold value | Present above threshold value? | If yes, material mass | | If yes, information on where it is used |
|--|---|--------------------|--------------------------------|-----------------------|------|---|
| | | | Yes / No | Mass | Unit | |
| Table B (materials listed in appendix 2 of the Convention) | Cadmium and cadmium compounds | 100 mg/kg | NO | | | |
| | Hexavalent chromium and hexavalent chromium compounds | 1000 mg/kg | NO | | | |
| | Lead and lead compounds | 1000 mg/kg | NO | | | |
| | Mercury and mercury compounds | 1000 mg/kg | NO | | | |
| | Polybrominated biphenyl (PBBs) | 50 mg/kg | NO | | | |
| | Polybrominated diphenyl ethers (PBDEs) | 1000 mg/kg | NO | | | |
| | Polychloronaphthalenes (Cl >=3) | 50 mg/kg | NO | | | |
| | Radioactive substances | No threshold value | NO | | | |
| EU SRR ** | Certain shortchain chlorinated paraffins | 1% | NO | | | |
| | Brominated flame retardant (HBCDD) | 100 mg/kg | NO | | | |

* In accordance with regulation 4 of the IMO Hong Kong Convention, for all ships, new installation of materials which contain asbestos shall be prohibited.

According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0.1%. However, if 1% is applied, this threshold value should be recorded in the Inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0.1% need not be retroactively applied to those Inventories and declarations.

** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/2013

This MD is to be completed in accordance with IMO Resolution MEPC.379(80) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)



TAIKO KIKAI INDUSTRIES CO., LTD.

209-1 SHIMOTABUSE, TABUSE-CHO, KUMAGE-GUN, YAMAGUCHI-PREF. 742-1598 JAPAN

TEL: 81-820-52-3113

FAX: 81-820-53-1001

Declaration of IHM-compliance


| | | | |
|---------------|--|--------------------|----------------|
| Company name: | TAIKO KIKAI INDUSTRIES CO., LTD. | Telephone number : | 81-820-52-3113 |
| Address: | 209-1 SHIMOTABUSE, TABUSE-CHO, KUMAGE-GUN, YAMAGUCHI-PREF. | Contact Person : | |
| Postcode: | 742-1598 | Email Address: | |
| Country: | JAPAN | | |

To whom it may concern

By the undersigned we hereby declare that :

In general, products supplied from us ,do not exceed threshold values for asbestos, PCB, ozone depleting substances, organotin, cadmium, hexavalent chromium, lead, mercury, polybrominated biphenyl(PBB), polybrominated diphenyl ethers(PBDE), polychlorinated naphthalenes, radioactive substances, shortchain chlorinated paraffins (Alkanes, C10-C13 chloro) , perfluorooctane sulfonic acid (PFOS) and brominated flame retardant (HBCDD) ref.EU SRR 1257/2013.However, the attached parts are excluded.

If any special case requires a product exceeding threshold values of above materials to be supplied, a separate SDoC and MD, will be issued in due course.

| | | | |
|--------------------|---|-----------|--------------------------------|
| Date: | | Place : | |
| Name of signatory: | Takashi Kawakami | Position: | Manager of Marine Design Dept. |
| Signature /Stamp |  | | |

List of harmful parts by Pump Model

| Pump Model | Hazardous substance-containing parts |
|---|--|
| NHG | Gauge,Bearing Metal,Coupling,Gland |
| HHC-HHB-HHR | Gauge,Gland |
| HG | Gauge,Bearing Metal,Gland |
| VG | Gauge,Bearing Metal |
| NHGH | Gauge |
| OL | Bearing Metal |
| SL-SLW | Gauge,Grease Nipple |
| VLG | Bearing Metal,Coupling |
| MSB | Gauge,Balancing Cover,Bearing Bush,Grease Nipple,Grease Fitting |
| MSDK | Gauge,Grease Nipple |
| MSDK-MG | Gauge |
| MSE | Gauge,Balancing Cover,Rear Bearing Bush,Grease Nipple |
| MSH | Gauge,Balancing Cover,Rear Bearing Bush,Grease Nipple,Grease Fitting |
| MST | Gauge,Thrust Bearing |
| MSTE | Gauge,Thrust Bearing,Grease Nipple,Grease Fitting |
| TMC-TMV-TMS-EHC-EHS-EMC-EMS-EMD 2BF-2MF-C1T-C2T-CR-FMC-HC-3MT-FHCE | Gauge |
| CVC-ESC-ESD-EVC-HD-VS-S-2MS | Gauge,Grease Nipple,Grease Fitting |
| EHCN-EMCN-EMSN-EMDN-FHCN-FMCN | Gauge,Vac.Pump |
| EHCV-E | Gauge,Vac.Pump,Engine |
| ESCN-ESDN-VSN | Gauge,Grease Nipple,Grease Fitting,Vac.Pump |
| VPT-UH | Gauge,Safety Valve |
| HNP | Gauge,Grease Nipple,Grease Fitting,Safety Valve |
| PD-LD | Gauge,Valve Assy,Gland,Cylinder Liner,Safety Valve,Piston |
| HPK | Gauge |
| USH-USC | Gauge,Valve,Stater,Heater,Reducing Valve |
| FOCAS | Valve |
| SBH-SBT | Gauge,Valve,UV LAMP |
| CSL | Gauge,Gauge valve,Gauge bush,Grease nipple,Fitting,Oil gauge,Valve guide |